

## **Export of Bovine Serum (other than Fetal Bovine Serum) to Taiwan**

(This article is five pages long- please be sure to read all five pages.)

**The following is based on Taiwanese import requirements. These are not APHIS-VS requirements.**

**Requirement for inspection:** The processing/exporting facility must be inspected by APHIS/Vs at least annual to verify that the facility meets the requirements to export, and provide USDA supervision.

**Requirement for age of cattle:** Taiwan will only accept bovine serum products derived from animals slaughtered at an age of 12 months or less.

**Requirement for country of origin:** Imported bovine serum and products must be imported from animals slaughtered in the following countries that have been recognized by the Council of Agriculture, Executive Yuan as free of foot-and-mouth disease, rinderpest, contagious bovine pleuropneumonia, and bovine spongiform encephalopathy:

Australia, New Zealand, Iceland, Norway, Sweden, Mexico, Panama, Honduras, Costa Rica, Hungary, and Nicaragua.\*\*

\*\*This list is based upon the most recent information provided to APHIS by BAPHIQ (animal health authorities in Taiwan). As always, the exporter is responsible for having their importer confirm, prior to shipment, that Taiwan will accept the exported materials.

If the export certificate states that the product is derived from animals born and raised in the US, it must state “born and raised in the US or Mexico.” (see “**Certification statements to appear on the VS Form 16-4**” below.)

**Requirement for import permit:** The Taiwanese importer is required to apply and obtain an import permit from the Taiwanese Bureau of Animal and Plant Health Inspection and Quarantine prior to import. Only the importer from a Taiwanese research institute or manufacturer of biological products for animal use is allowed to apply for the import permit (the US exporter may not). The exporter is responsible for confirming prior to export that his importer has obtained the required import permit. APHIS will not verify the issuance of the Taiwanese import permit.

**Restrictions on use:** Taiwanese regulations limit the use of the serum to: use only for in-vitro test or production of biological products for poultry or swine. Products may not be used in Taiwan for in-vivo purposes or to produce biological products for use by/in ruminants, dogs, cats, or humans.

**Restriction on materials that can be handled in US processing facilities:** Materials may only be processed or handled in facilities in the US which do not handle materials derived from bovines other than those born in the US, or the following countries: Australia, New Zealand, Iceland, Norway, Sweden, Mexico, Panama, Honduras, Costa Rica, Hungary, and Nicaragua.<sup>\*\*</sup> This means that facilities must not handle any bovine products derived from US cattle, except for those derived from cattle born after May 20, 2003 (the day the US closed the border to Canadian cattle). If the US reopens the border to Canadian cattle, facilities will not be able to handle any bovine products derived from cattle slaughtered in the US.

**Prohibition on products derived from live animals:** Taiwan will only allow the import of bovine products derived from slaughtered animals. They have refused to allow the import of materials collected from live bovines.

**Documents required to be presented to APHIS office with certificate for**

**endorsement:** In addition to meeting other APHIS-VS requirements regarding issuance of zoosanitary (animal health) export certificates, the exporter must present the following with the draft VS Form 16-4 to the APHIS office:

- A proper notarized affidavit containing all certification statements appearing in the additional declaration area of the VS Form 16-4 (your APHIS area office can provide you with details on how to prepare a proper notarized affidavit). In addition to containing all statements which are in the VS Form 16-4, this affidavit must also contain the following statement: “[insert name and address of processing/exporting facility in the US] does not receive, store, or process any bovine origin materials derived from cattle slaughtered in the US, except for those derived from cattle born after May 20, 2003.” The endorsing APHIS area office will verify by inspection.
- Laboratory results must be presented with the certificate showing that the materials have been tested (with negative results) for the following: mycoplasma, bovine viral diarrhea, infectious bovine rhinotracheitis, and exotic bluetongue. (In the case of imported products, the government certificate may contain certification of this testing as noted below.)
- For imported materials: A certificate<sup>\*\*\*</sup> (for the specific lot of raw material that the exported materials are derived from) endorsed by a full-time salaried veterinarian of the agency responsible for animal health in the country of origin stating:
  - A.** That the materials are derived from cattle born and raised in (insert one of the following: Australia, New Zealand, Iceland, Norway, Sweden, Mexico, Panama, Honduras, Costa Rica, Hungary, and Nicaragua<sup>\*\*</sup> > and that are at the age of no more than 12 months old at the time of slaughter.
  - B.** That the materials are derived from cattle which have passed ante-mortem and post-mortem inspection by the competent authority of <insert name of country of origin>.
  - C.** That the materials has been filtered through a filter of 0.22µm or less, or has been irradiated with ã-ray at the dose of 25 kGray (2.5MRad) or more, and has been tested and found free from mycoplasma, bovine viral diarrhea, infectious bovine rhinotracheitis, and exotic bluetongue. *(If this testing is done in the US, laboratory results must be presented with the certificate showing that the materials have been tested (with negative results) for the following: mycoplasma, bovine viral diarrhea, infectious bovine rhinotracheitis, and exotic bluetongue.*

<sup>\*\*\*</sup> An easily read copy is acceptable.

**Certification statements to appear on the VS Form 16-4:** The following exact text must appear in the additional declaration section of the VS Form 16-4. No additional text may be added.

The below described bovine serum product was processed at the following facility, a premises which is under the supervision of the United States government: [insert name and address of processing facility], in the United States.

This office has on file a notarized affidavit from [insert name of company] verifying the accuracy of the statements below.

The above referenced processing facility processes bovine sera only from cattle (or fetuses collected from cattle) born and raised in [insert <the United States or Mexico> and/or <country name or names>], a country that has been <or countries that have been> recognized by the Council of Agriculture, Executive Yuan as free of foot-and-mouth disease, rinderpest, contagious bovine pleuropneumonia, and bovine spongiform encephalopathy". *Note: If the United States is noted in this sentence, then Mexico must also be noted. This note text (in light blue) should not appear in the additional declaration area of the certificate or the affidavit.*

In the case of products other than fetal bovine serum, the serum is derived from cattle born and raised in [insert <the United States or Mexico> and/or "<country name>"], a country that has been <or countries that have been> recognized by the Council of Agriculture, Executive Yuan as free of foot and mouth disease, rinderpest, contagious bovine pleuropneumonia, and bovine spongiform encephalopathy"] and that are at the age of no more than 12 months old at the time of slaughter. *If the United States is noted in this sentence, then Mexico must also be noted. This note text (in light blue) should not appear in the additional declaration area of the certificate or the affidavit*

In the case of products other than fetal bovine serum, the serum is derived from cattle which have passed ante-mortem and post-mortem inspection by the competent authority of <insert name of country of origin>.

The serum has been filtered through a filter of 0.22µm or less, or has been irradiated with γ-ray at the dose of 25 kGray (2.5MRad) or more, and has been tested and found free from mycoplasma, bovine viral diarrhea, infectious bovine rhinotracheitis, and exotic bluetongue.

**Information to be included in the “PRODUCT (quantity, unit of measure, and kind)” block of the VS Form 16-4:**

Product name, quantity, and lot number. (must state that products are bovine serum products).

**Information to be included in the “NAME AND ADDRESS OF CONSIGNEE” block of the VS Form 16-4:**

Destination including country, name, and address of importer in Taiwan.

**If you have questions about any of the above information, you should contact your APHIS-VS area office for assistance.**